

FIG. 1

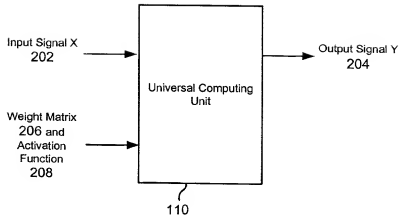


FIG. 2

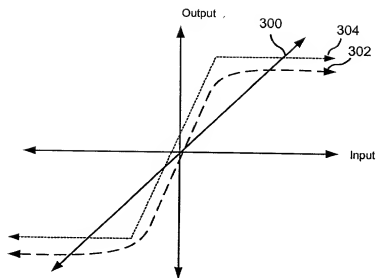


FIG. 3

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400

Input Signal 202

Output Signal 202

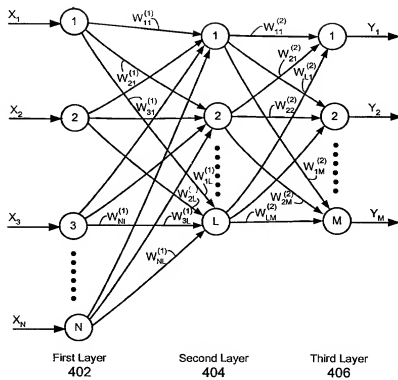


FIG. 4

$$W = \begin{bmatrix} W_1^T & W_2 \end{bmatrix}$$

$$W_1 = \begin{bmatrix} W_{11}^{(1)} & W_{12}^{(1)} & \cdots & W_{1L}^{(1)} \\ W_{21}^{(1)} & W_{22}^{(1)} & \cdots & W_{2L}^{(1)} \\ \vdots & \vdots & \ddots & \vdots \\ W_{N1}^{(1)} & W_{N2}^{(1)} & \cdots & W_{NL}^{(1)} \end{bmatrix}$$

$$W_2 = \begin{bmatrix} W_{11}^{(2)} & W_{12}^{(2)} & \cdots & W_{1M}^{(2)} \\ W_{21}^{(2)} & W_{22}^{(2)} & \cdots & W_{2M}^{(2)} \\ \vdots & \vdots & \ddots & \vdots \\ W_{L1}^{(2)} & W_{L2}^{(2)} & \cdots & W_{LM}^{(2)} \end{bmatrix}$$

FIG. 5

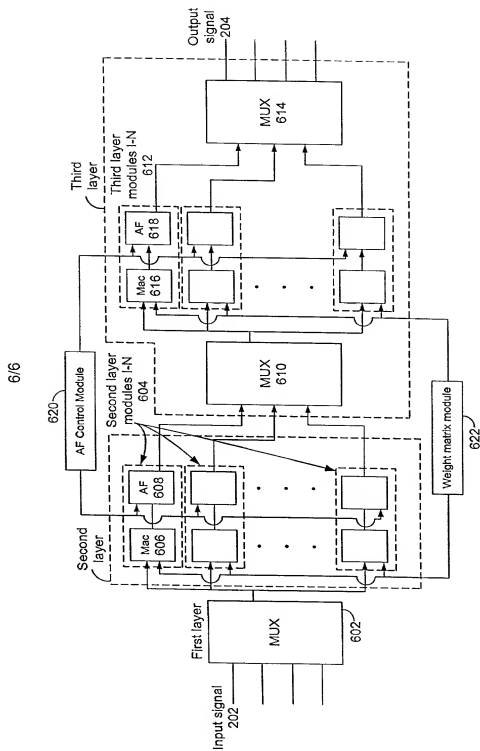


FIG. 6